

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Wataru HIRAHATA et al

Serial No.: 09/741,889

Filed: December 22, 2000



Group Art Unit: 1754

Examiner: Unassigned

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For: CATALYST FOR ADDITION POLYMERIZATION, AND PROCESS FOR PRODUCING ADDITION POLYMER WITH THE SAME

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.56

Honorable Commissioner of
Patents and Trademarks
Washington, D.C. 20231

Sir:

Pursuant to Rule 56, applicant hereby calls to the attention of the Patent Office the references listed on the attached PTO Form 1449.

Applicant presents these references so that the Patent Office may, in the first instance, determine any relevancy thereof to the presently claimed invention; see Beckman Instruments, Inc. v. Chemtronics, Inc., 439 F.2d 1369, 1380, 165 USPQ 355, 364 (5th Cir. 1970).

Applicant respectfully requests that these references be expressly considered during the prosecution of this application and made of record herein and appear among the "References Cited" on any patent to issue herefrom.

Respectfully submitted,

Thomas P. Pavelko
Registration No. 31,689

TPP:mat
Attorney Docket No.: TPP 31359

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Date: March 28, 2001

THE APPLICANT HEREBY REQUESTS
THE PTO TO EXTEND THE TIME FOR
RESPONSE AS REQUIRED TO MAKE THE
ATTACHED DOCUMENT TIMELY FILED.
PLEASE CHARGE THE COST THEREOF
TO DEPOSIT ACCOUNT 19-4375

STEVEN DAVIS MILLER & MOSHER, L.L.P.

FORM PTO-1449 U.S. Department of Commerce
(Rev. 4/92) Patent and Trademark Office

ATTY. DOCKET NO.
TPP 31359

SERIAL NO.
09/741,889

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT
Wataru HIRAHATA et al

FILING DATE
December 22, 2000

GROUP
1754

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4 0 8 5 0 7 0	04/78	Columberg			06/18/76
	5 7 7 7 1 2 0	07/98	Jordan et al			03/14/97
	5 9 7 3 0 8 8	10/99	Jordan et al			04/03/98

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO
9 8 4 0 4 2 1	09/98	WO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Macromol. Chem. 193, 1283-1288 (1992): "High-molecular-weight polyethylene: growth reactions at bis(dichloroaluminum)ethane and trialkylaluminum"
Polymer Preprints, Japan Vol. 47, No. 8 (1998) with English language translation
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J.Am.Chem.Soc. 1997, 119, 8125-8126, "Cationic Aluminium Alkyl Complexes Incorporating Amidate Ligands. Transition-Metal-Free Ethylene Polymerization Catalyst, Martyn P. Coles and Richard F. Jordan
J.Am.Chem.Soc. 1998, 120, 8277-8278, "Cationic Aluminum Alkyl Complexes Incorporating Aminotroponimate Ligands"; Eiji Ihara et al
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Chem. Commun., 1998, 2523-2524; "Cationic alkyl aluminium ethylene polymerization catalysts based on monoanionic N,N,N-pyridyliminoamide ligands" Michael Bruce, et al
ACS Polymer Preprints, 39(2), 1998, 510, "The Polymerization of Ethylene and Higher Olefins Using Transition Metal-Free Aluminum Based Catalyst Systems"; Louis M. Wojcinski II et al

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.